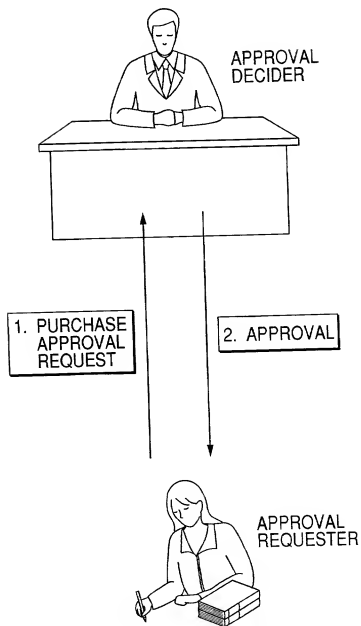
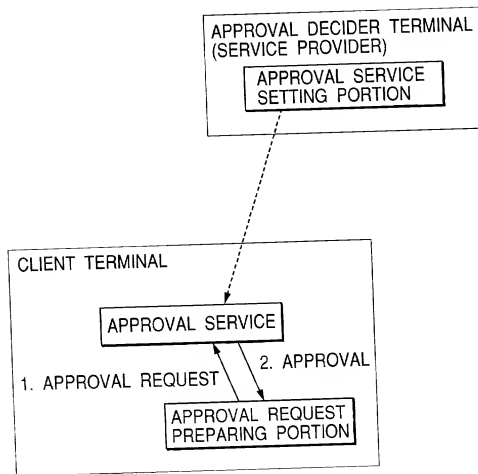


FIG. 1
PRIOR ART



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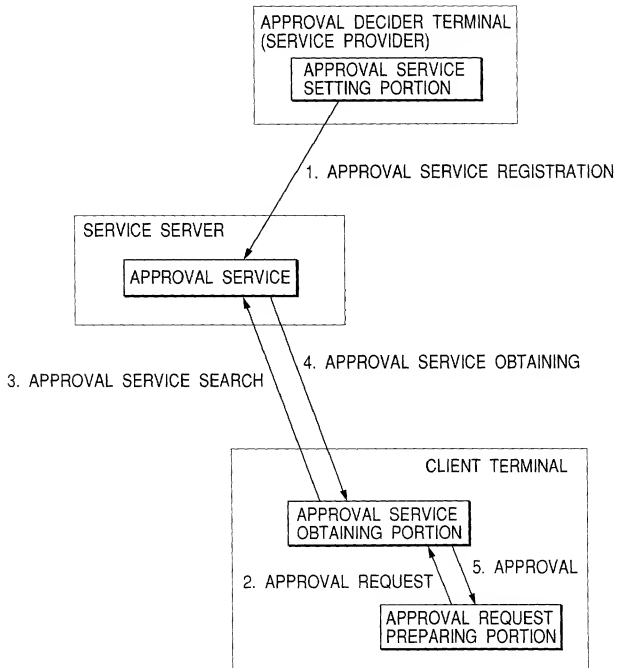
FIG. 2
1ST EMBODIMENT



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FIG. 3

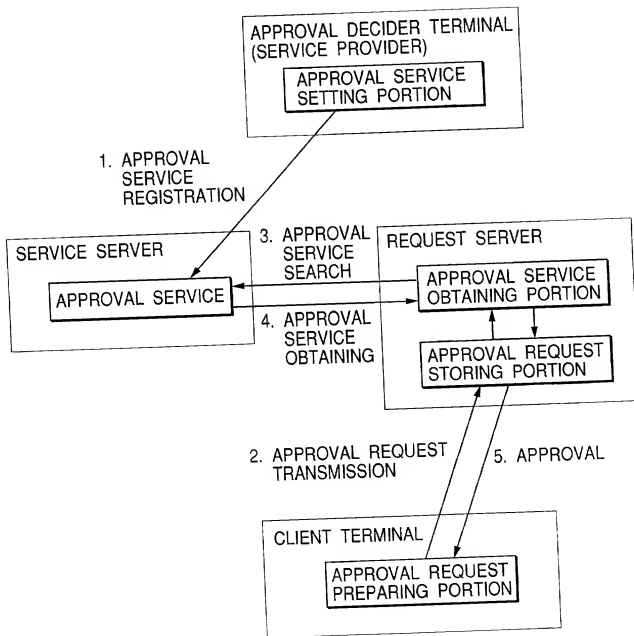
2ND EMBODIMENT



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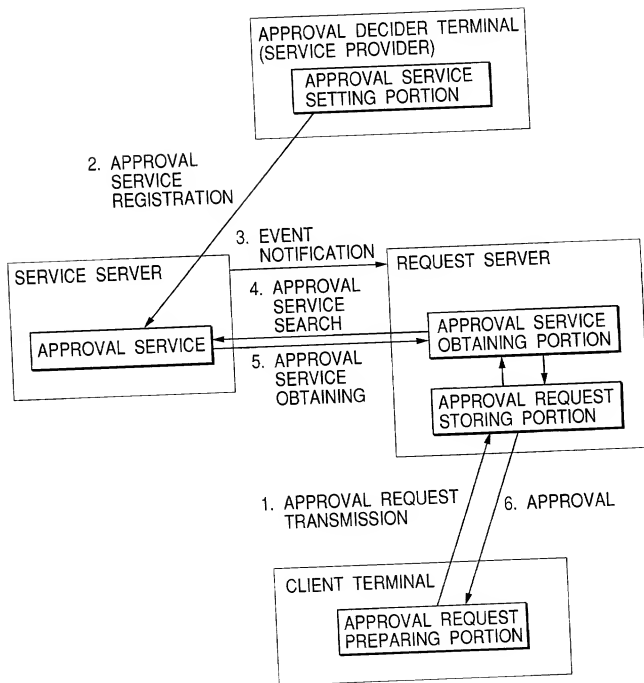
FIG. 4

3RD EMBODIMENT



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FIG. 5



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FIG. 6

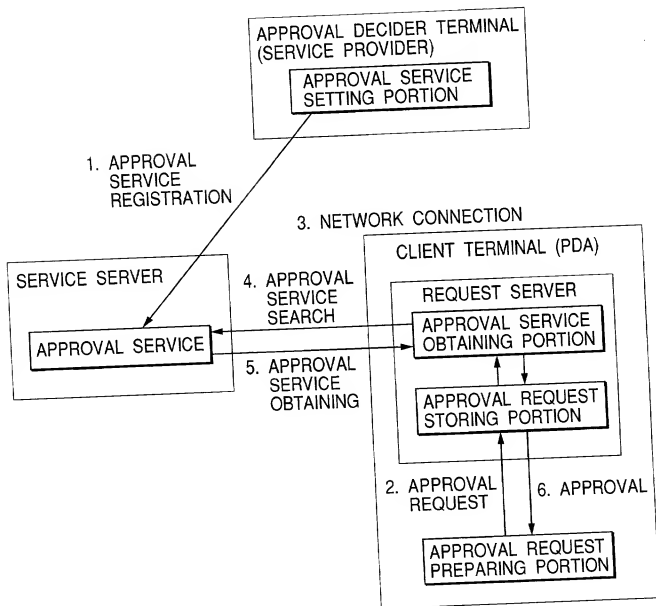


FIG. 7

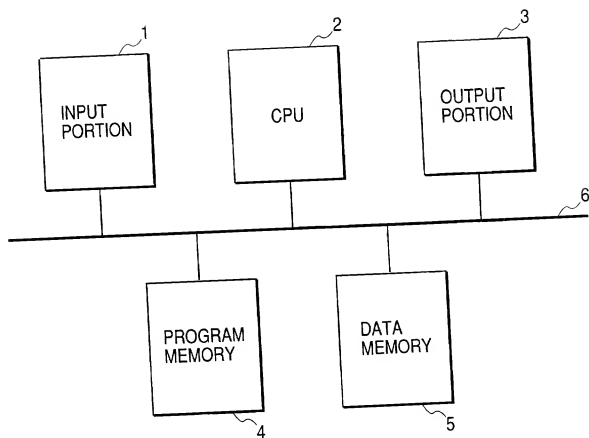


FIG. 8

PURCHASE APPROVAL REQUEST SIDE SYSTEM ENTIRE FLOW

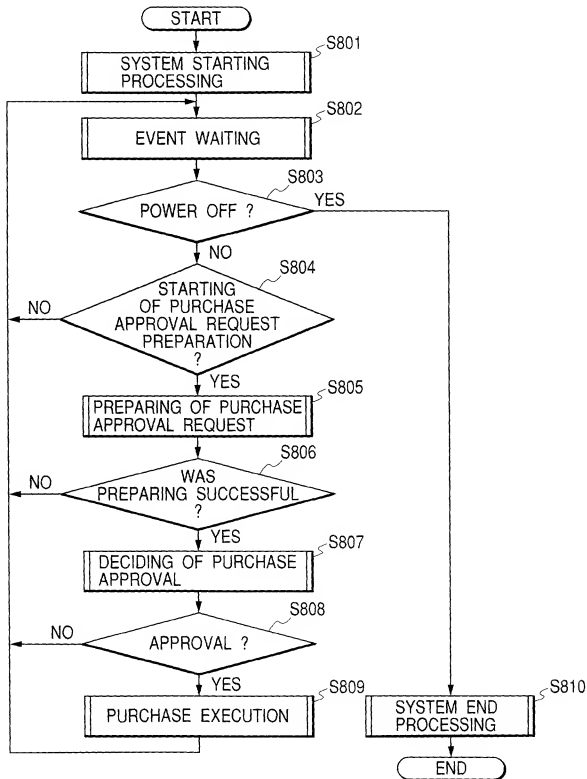
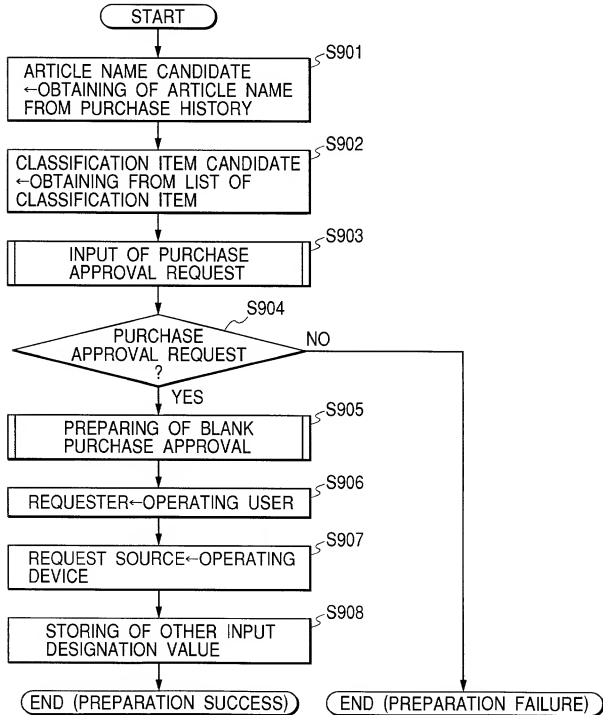


FIG. 9**PURCHASE APPROVAL REQUEST PREPARATION PROCESSING FLOW**

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FIG. 10

PURCHASE HISTORY

DATE	ARTICLE NAME	CLASSIFICATION
1999/12/12	OBJECT ORIENTATION INTRODUCTION	BOOKS
1999/12/10	FOUR SEASONS (FOR 3 TIMES REPRODUCTION)	"MUSIC FLASH"
1999/12/07	EGG (ONE PACK)	FOOD
1999/12/07	BEER (FIVE BOTTLES)	LUXURY GOODS


FIG. 11

LIST OF CLASSIFICATION ITEM

ID	ITEM NAME
1	OTHERS
2	MUSIC
3	NEWS
4	DRAMA
5	ANIMATION
6	FOOD
7	LUXURY GOODS
8	CLOTHING
9	AMUSEMENT ARTICLE
10	"MUSIC FLASH"

FIG. 12

PURCHASE APPROVAL REQUEST INPUT SCREEN



The diagram illustrates a 'PURCHASE APPROVAL REQUEST INPUT SCREEN'. It features several input fields and two action buttons at the bottom. The fields are labeled on the left and contain specific data or options. Some fields have dropdown arrows on the right, and some have expandable lists. Reference numerals 121 through 128 point to various elements.

Label	Value / Option	Feature	Reference Numeral
NAME	LITTLE SIGN OF AUTUMN	Dropdown arrow	121
	OBJECT ORIENTATION INTRODUCTION FOUR SEASONS (FOR 3 TIMES REPRODUCTION) EGG (ONE PACK) BEER (FIVE BOTTLES)	Expandable list	122
CLASSI-FICATION	MUSIC	Dropdown arrow	123
MONEY AMOUNT	¥80	Up/Down arrows	124
DELIVERY DATE	1999/12/15	Up/Down arrows	125
PRIORITY	80	Up/Down arrows	126
PURCHASE APPROVAL REQUEST		Button	127
CANCEL		Button	128

FIG. 13

PURCHASE APPROVAL REQUEST

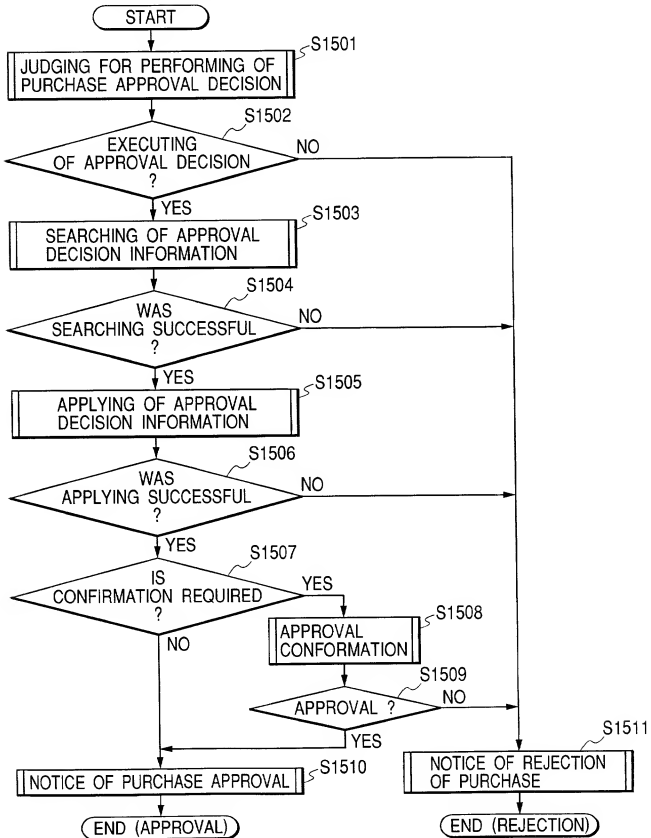
ITEM	VALUE
REQUESTER	TARO
REQUEST SOURCE	COMPO
NAME	LITTLE SIGN OF AUTUMN (FOR 3 TIMES REPRODUCTION)
CLASSIFICATION	MUSIC
MONEY AMOUNT	¥80
DELIVERY DATE	DEC 15, 1999
PRIORITY	80

FIG. 14

PURCHASE APPROVAL REQUEST

ITEM	VALUE
REQUESTER	TARO
REQUEST SOURCE	COMPO
NAME	NINTH SYMPHONY (FOR 3 TIMES REPRODUCTION)
CLASSIFICATION	"MUSIC FLASH"
MONEY AMOUNT	¥80
DELIVERY DATE	DEC 15, 1999
PRIORITY	90

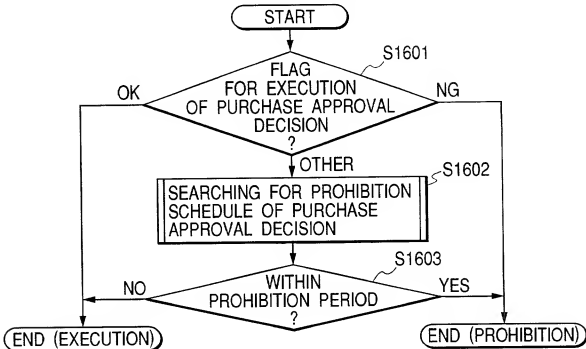
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FIG. 15**PURCHASE APPROVAL DECISION PROCESSING FLOW**

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FIG. 16

FLOW OF PROCESSING OF JUDGING FOR EXECUTION
OF PURCHASE APPROVAL DECISION

**FIG. 17**

DEFINITION OF JUDGING FLAG FOR PERFORMING
OF PURCHASE APPROVAL DECISION

FLAG	SIGNIFICANCE
OK	PURCHASE APPROVAL DECISION EXECUTION IS POSSIBLE
NG	PURCHASE APPROVAL DECISION EXECUTION IS PROHIBITED
OTHER	UN-SETTING UP

FIG. 18

PROHIBITION SCHEDULE OF EXECUTION
OF PURCHASE APPROVAL DECISION

DATE	
EVERY DAY	24:00 TO 05:00
EVERY WEEK	SUNDAY
EVERY YEAR	AUGUST 10 TO AUGUST 15

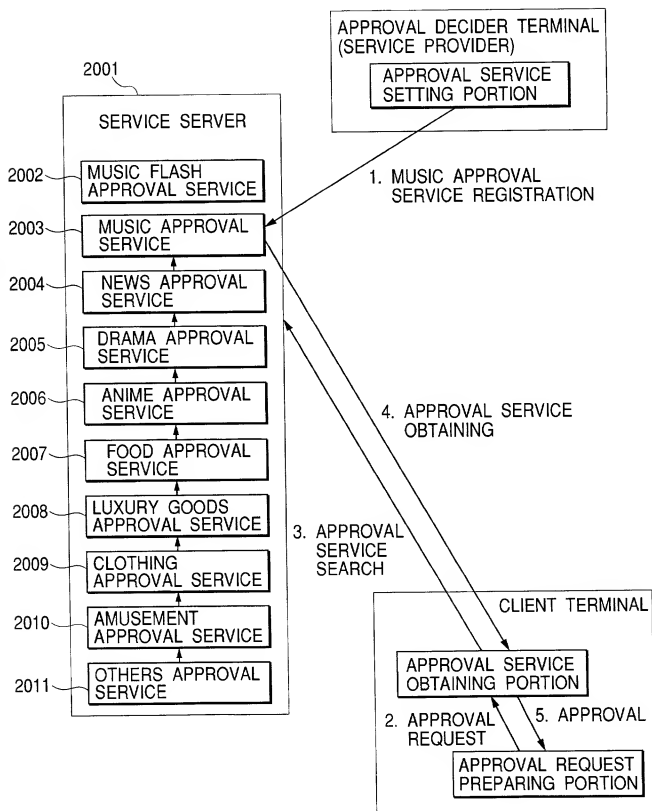
FIG. 19

ESTIMATED COST INFORMATION

	CLASSIFICATION	TARO	HANAKO	TAKUYA	DEVICE	APPROVAL
COMPO	"MUSIC FLASH"	¥2,000	¥0	¥0	¥0	
	MUSIC	¥0	¥2,000	¥500	¥0	REQUIRED
	NEWS	¥2,000	¥0	¥0	¥0	
	OTHERS	¥0	¥0	¥0	¥1,000	REQUIRED
TV	MUSIC	¥2,000	¥2,000	¥500	¥0	REQUIRED
	NEWS	¥2,000	¥0	¥0	¥0	
	DRAMA	¥0	¥2,000	¥0	¥0	
	ANIMATION	¥0	¥0	¥1,000	¥0	
	OTHERS	¥0	¥0	¥0	¥1,000	REQUIRED
REFRIG- ERATOR	FOOD	¥0	¥20,000	¥0	¥0	REQUIRED
	LUXURY GOODS	¥2,000	¥4,000	¥1,000	¥0	REQUIRED
	OTHERS	¥0	¥0	¥0	¥1,000	REQUIRED
OTHERS	CLOTHING	¥5,000	¥5,000	¥0	¥0	REQUIRED
	AMUSEMENT ARTICLE	¥5,000	¥5,000	¥2,000	¥0	REQUIRED
	OTHERS	¥50,000	¥50,000	¥0	¥2,000	REQUIRED
TOTAL SUM		¥70,000	¥90,000	¥5,000	¥5,000	

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FIG. 20



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FIG. 21

PURCHASE APPROVAL SERVICE PROVIDER

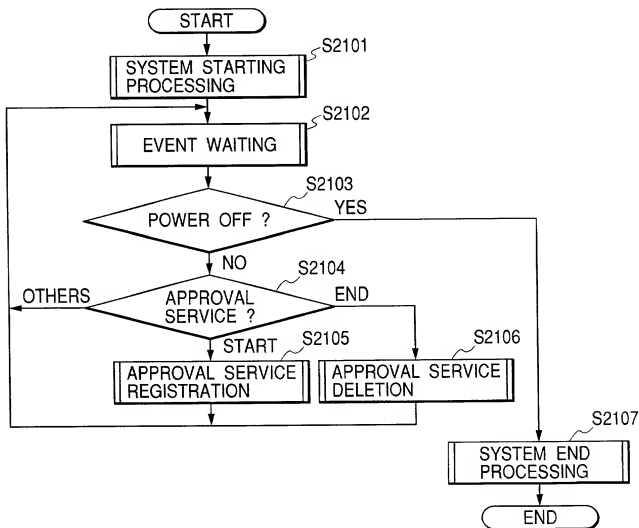
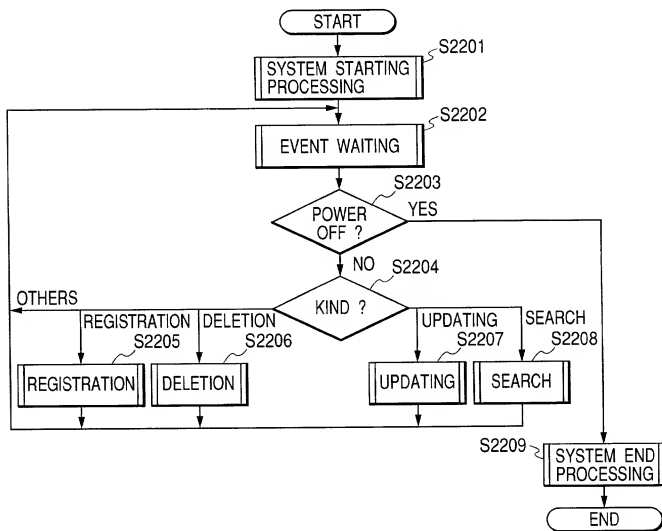


FIG. 22

PURCHASE APPROVAL SERVICE SERVER



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FIG. 23
PURCHASE APPROVAL
SERVICE REGISTRATION
INFORMATION

ID	CLASSIFICATION	OBJECT
1	"MUSIC FLASH"	OBJECT 1
2	MUSIC	OBJECT 2
3	NEWS	OBJECT 3
4	DRAMA	OBJECT 4
5	ANIMATION	OBJECT 5
6	FOOD	OBJECT 6
7	LUXURY GOODS	OBJECT 7
8	CLOTHING	OBJECT 8
9	AMUSEMENT ARTICLE	OBJECT 9
10	OTHERS	OBJECT 10

FIG. 24

MUSIC APPROVAL SERVICE · METHOD 1, METHOD 2, ...						
REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION	
COMPO	¥0	¥2,000	¥500	¥0	REQUIRED	
TV	¥2,000	¥2,000	¥500	¥0	REQUIRED	

SERVICE SERVER		2401
MUSIC FLASH APPROVAL SERVICE		2402
MUSIC APPROVAL SERVICE		2403
NEWS APPROVAL SERVICE		2404
DRAMA APPROVAL SERVICE		2405
ANIMATION APPROVAL SERVICE		2406
FOOD APPROVAL SERVICE		2407
LUXURY GOODS APPROVAL SERVICE		2408
CLOTHING APPROVAL SERVICE		2409
AMUSEMENT ARTICLE APPROVAL SERVICE		2410
OTHERS APPROVAL SERVICE		2411

FIG. 25

PURCHASE APPROVAL SERVICE SEARCH

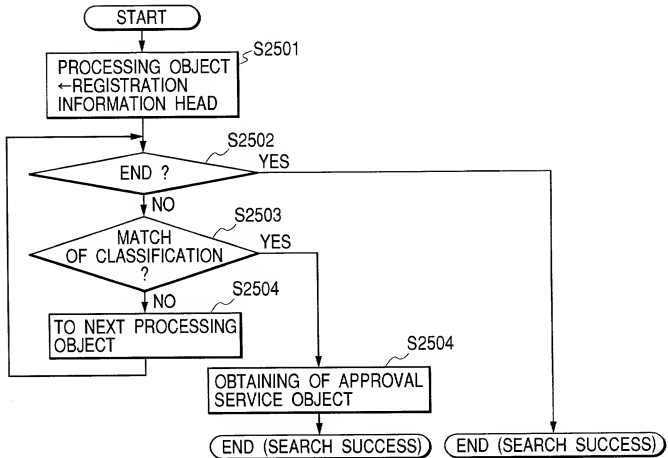
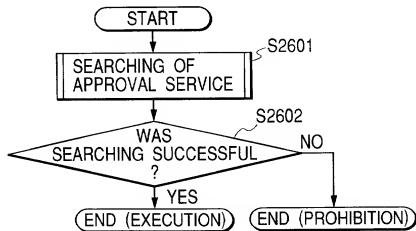
**FIG. 26**FLOW OF PROCESSING OF JUDGING FOR
EXECUTION OF PURCHASE APPROVAL DECISION

FIG. 27

MUSIC FLASH ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
COMPO	¥2,000	¥0	¥0	¥0	

FIG. 28

MUSIC ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
COMPO	¥0	¥2,000	¥500	¥0	REQUIRED
TV	¥2,000	¥2,000	¥500	¥0	REQUIRED

FIG. 29

NEWS ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
COMPO	¥2,000	¥0	¥0	¥0	
TV	¥2,000	¥0	¥0	¥0	

FIG. 30

DRAMA ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
TV	¥0	¥2,000	¥0	¥0	

FIG. 31

ANIMATION ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
TV	¥0	¥0	¥1,000	¥0	

FIG. 32

FOOD ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
REFRIGERATOR	¥0	¥20,000	¥0	¥0	REQUIRED

FIG. 33

LUXURY GOODS ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
REFRIGERATOR	¥2,000	¥4,000	¥1,000	¥0	REQUIRED

FIG. 34

CLOTHING ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
OTHERS	¥5,000	¥5,000	¥0	¥0	REQUIRED

FIG. 35

AMUSEMENT ARTICLE ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
OTHERS	¥5,000	¥5,000	¥2,000	¥0	REQUIRED

FIG. 36

OTHERS ESTIMATED COST INFORMATION

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
COMPO	¥0	¥0	¥0	¥1,000	REQUIRED
TV	¥0	¥0	¥0	¥1,000	REQUIRED
REFRIGERATOR	¥0	¥0	¥0	¥1,000	REQUIRED
OTHERS	¥50,000	¥50,000	¥0	¥2,000	REQUIRED

FIG. 37

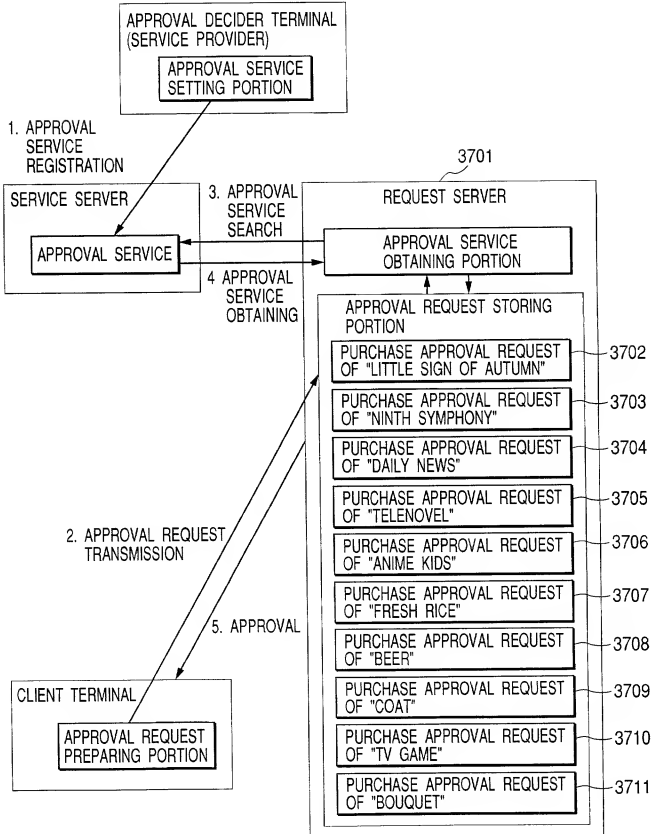
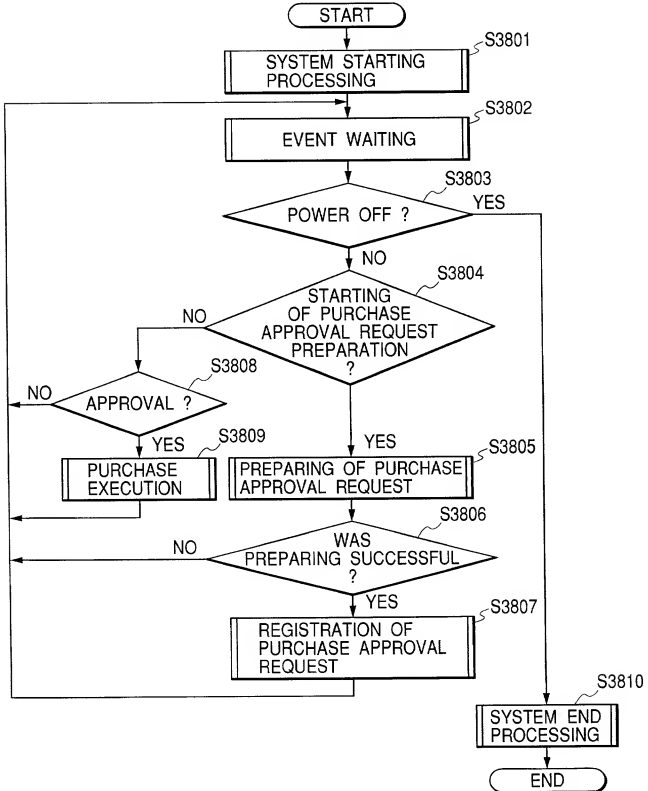


FIG. 38

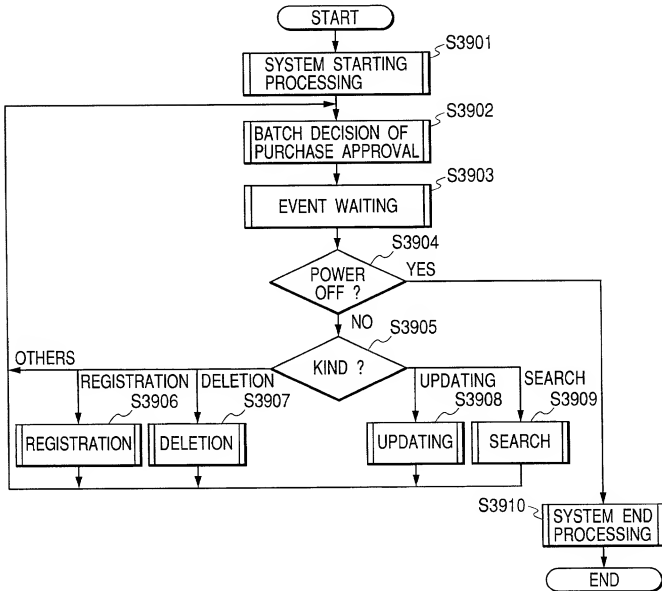
PURCHASE APPROVAL REQUEST SIDE SYSTEM ENTIRE FLOW



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FIG. 39

PURCHASE APPROVAL REQUEST SERVER



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FIG. 40PURCHASE APPROVAL
REQUEST REGISTRATION
INFORMATION

ID	REQUESTER	REQUEST SOURCE	OBJECT
1	TARO	COMPO	OBJECT 1
2	TARO	COMPO	OBJECT 2
3	TARO	COMPO	OBJECT 3
4	HANAKO	TV	OBJECT 4
5	TAKUYA	TV	OBJECT 5
6	HANAKO	REFRIGERATOR	OBJECT 6
7	TARO	REFRIGERATOR	OBJECT 7
8	HANAKO	OTHERS	OBJECT 8
9	TAKUYA	OTHERS	OBJECT 9
10	HANAKO	OTHERS	OBJECT 10

FIG. 41PURCHASE
APPROVAL
REQUEST OF
"LITTLE SIGN
OF AUTUMN"

ITEM	VALUE
REQUESTER	TARO
REQUEST SOURCE	COMPO
NAME	LITTLE SIGN OF AUTUMN (FOR 3 TIMES REPRODUCTION)
CLASSIFICATION	MUSIC
MONEY AMOUNT	¥80
DELIVERY DATE	DEC 15, 1999
PRIORITY	80

REQUEST SERVER

PURCHASE APPROVAL REQUEST OF "LITTLE SIGN OF AUTUMN"
PURCHASE APPROVAL REQUEST OF "NINTH SYMPHONY"
PURCHASE APPROVAL REQUEST OF "DAILY NEWS"
PURCHASE APPROVAL REQUEST OF "TELENOVEL"
PURCHASE APPROVAL REQUEST OF "ANIME KIDS"
PURCHASE APPROVAL REQUEST OF "FRESH RICE"
PURCHASE APPROVAL REQUEST OF "BEER"
PURCHASE APPROVAL REQUEST OF "COAT"
PURCHASE APPROVAL REQUEST OF "TV GAME"
PURCHASE APPROVAL REQUEST OF "BOUQUET"

4101

4102

4103

4104

4105

4106

4107

4108

4109

4110

4111

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FIG. 42

BATCH DECISION OF PURCHASE APPROVAL

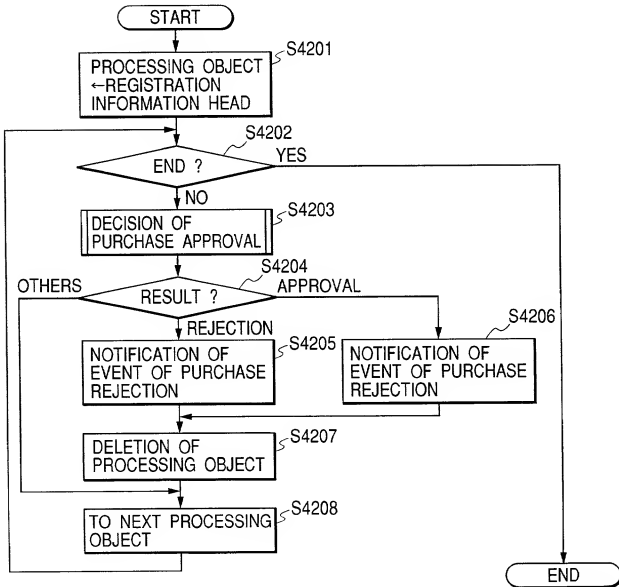
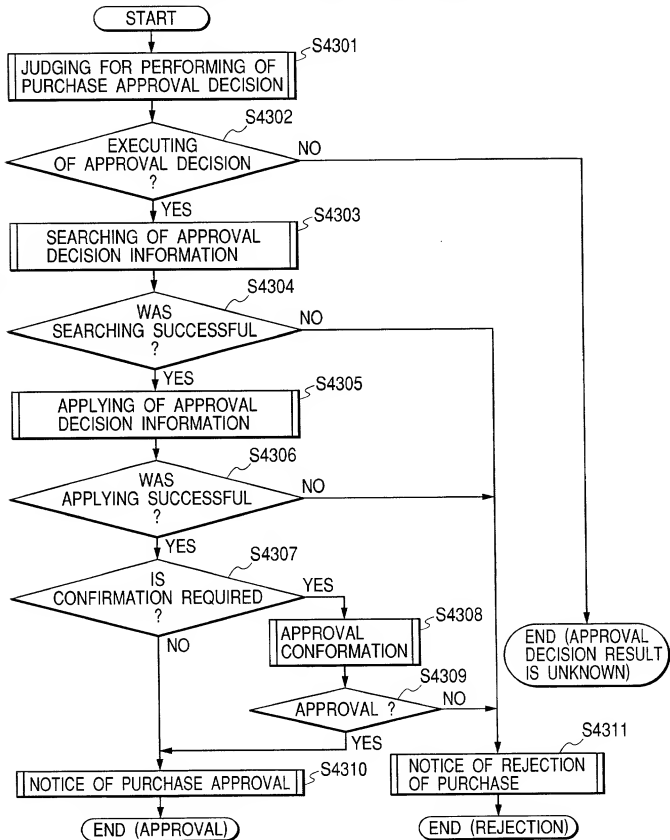


FIG. 43

PURCHASE APPROVAL DECISION PROCESSING FLOW



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FIG. 44

LOGIN·LOGOUT SCREEN

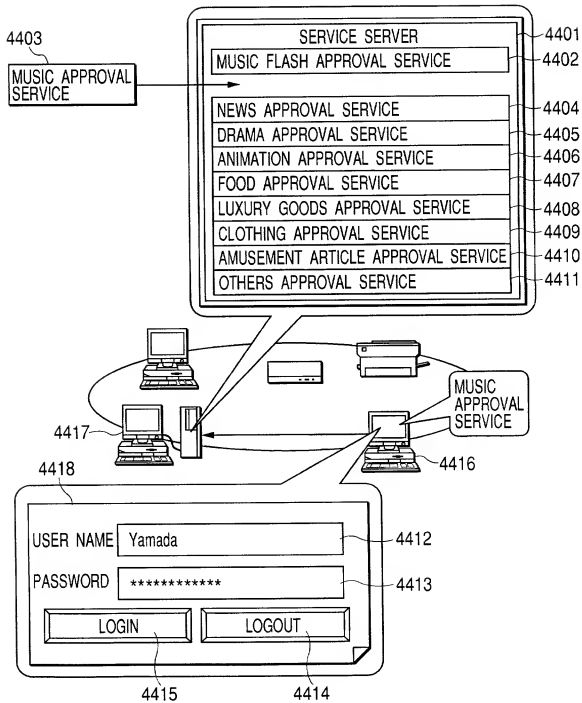
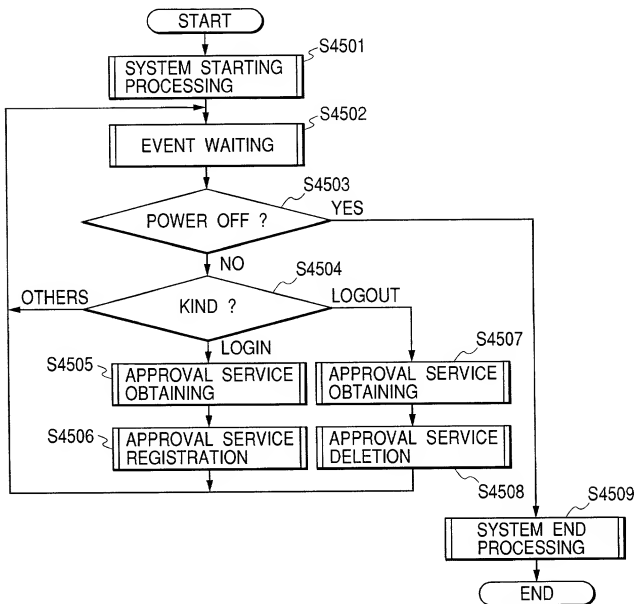


FIG. 45

PURCHASE APPROVAL SERVICE PROVIDER

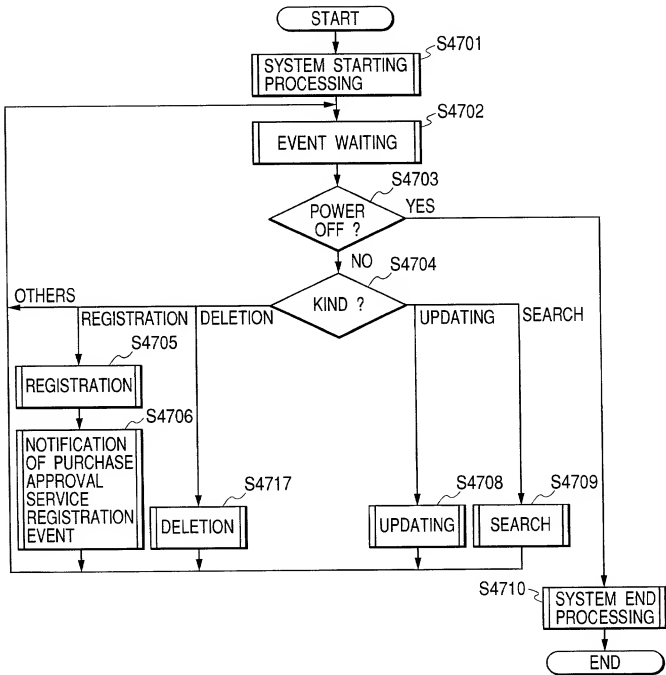
**FIG. 46**

PURCHASE APPROVAL DECIDER CORRESPONDENCE INFORMATION

PURCHASE APPROVAL DECIDER	PURCHASE APPROVAL SERVICE
TAKAHASHI	MUSIC FLASH APPROVAL SERVICE
YAMADA	MUSIC APPROVAL SERVICE
SUZUKI	NEWS APPROVAL SERVICE
SUZUKI	DRAMA APPROVAL SERVICE

FIG. 47

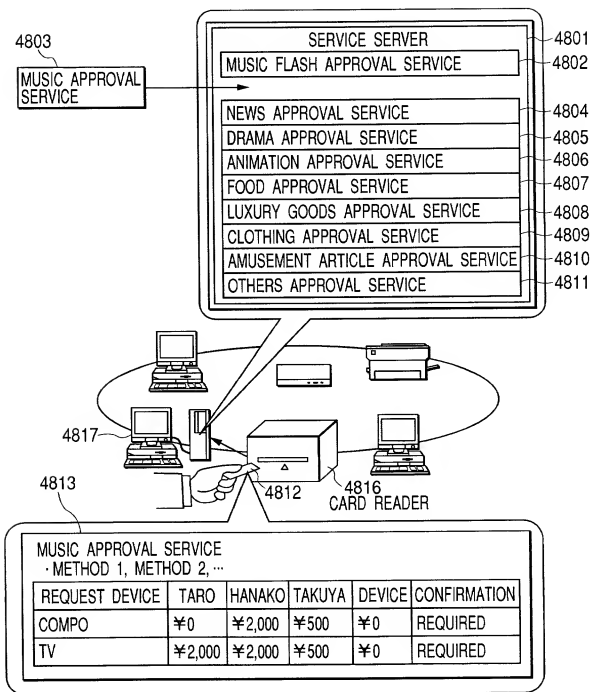
PURCHASE APPROVAL SERVICE SERVER



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FIG. 48

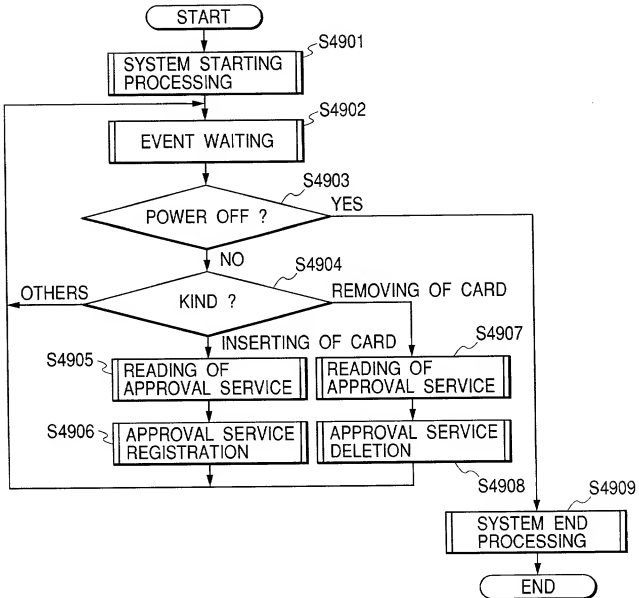
PURCHASE APPROVAL CARD SYSTEM



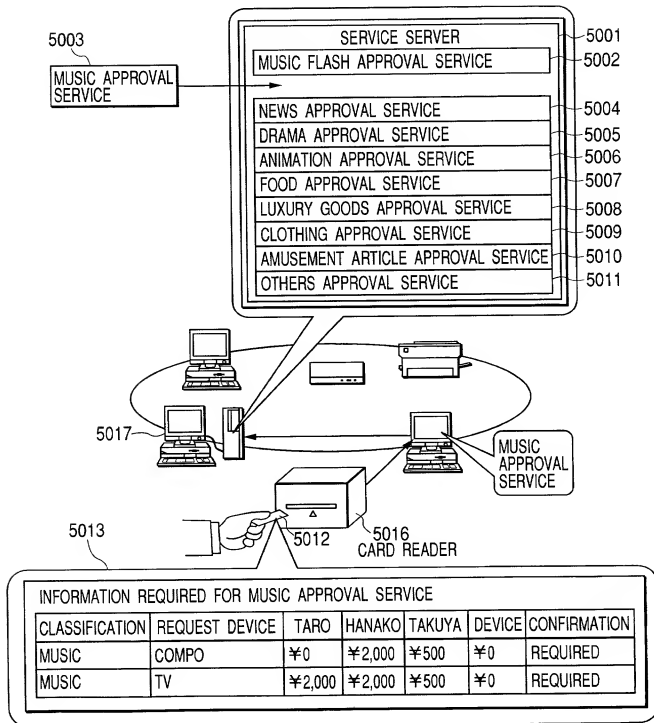
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FIG. 49

PURCHASE APPROVAL SERVICE PROVIDER



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FIG. 50**PURCHASE APPROVAL CARD SYSTEM**

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FIG. 51

PURCHASE APPROVAL SERVICE PROVIDER

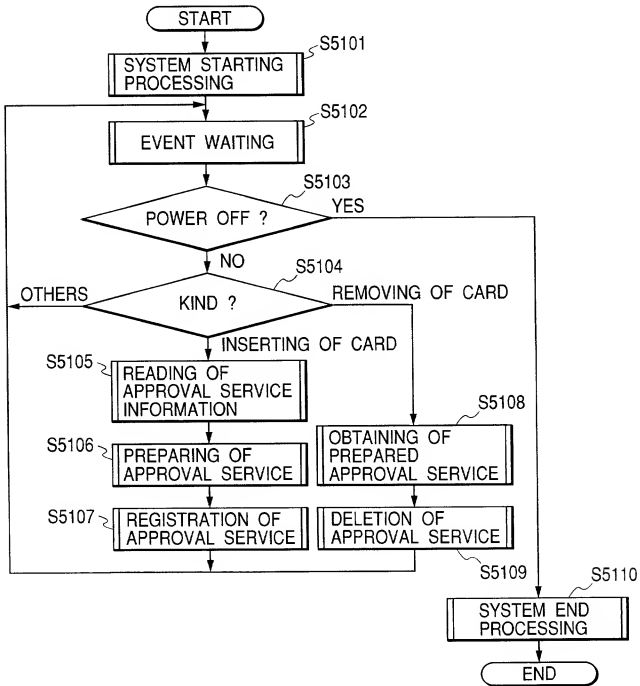
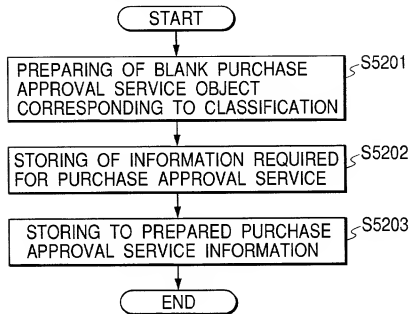


FIG. 52PURCHASE APPROVAL SERVICE
PREPARATION PROCESSING FLOW**FIG. 53**

PREPARED PURCHASE APPROVAL SERVICE INFORMATION

ID	CLASSIFICATION	OBJECT
1	"MUSIC FLASH"	OBJECT 1
2	MUSIC	OBJECT 2

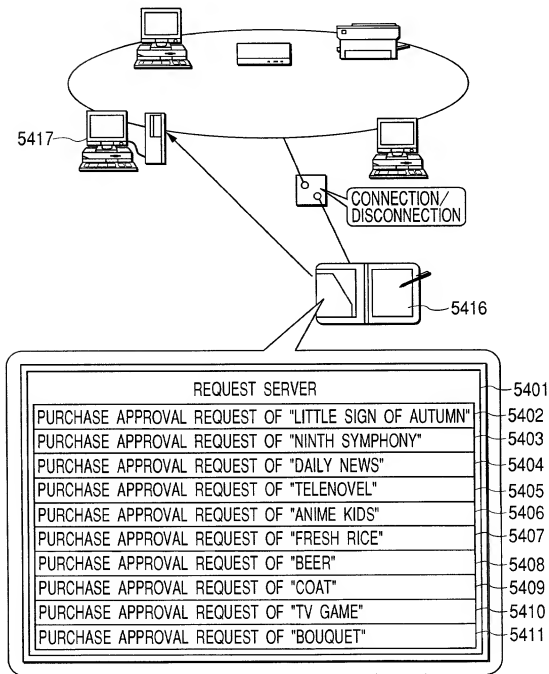
5301

MUSIC APPROVAL SERVICE
· METHOD 1, METHOD 2, ...

REQUEST DEVICE	TARO	HANAKO	TAKUYA	DEVICE	CONFIRMATION
COMPO	¥0	¥2,000	¥500	¥0	REQUIRED
TV	¥2,000	¥2,000	¥500	¥0	REQUIRED

FIG. 54

CONNECTION-DISCONNECTION OF PURCHASE
APPROVAL REQUEST SERVER



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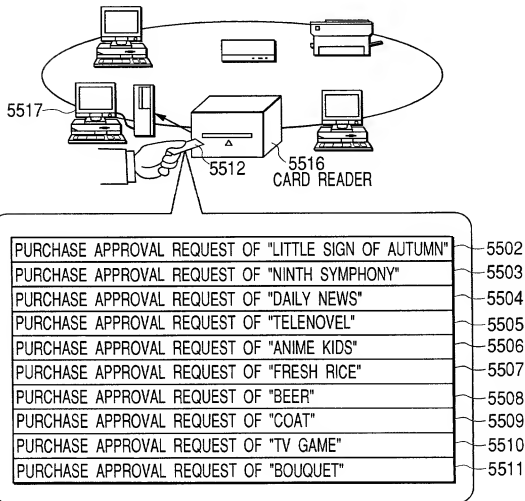
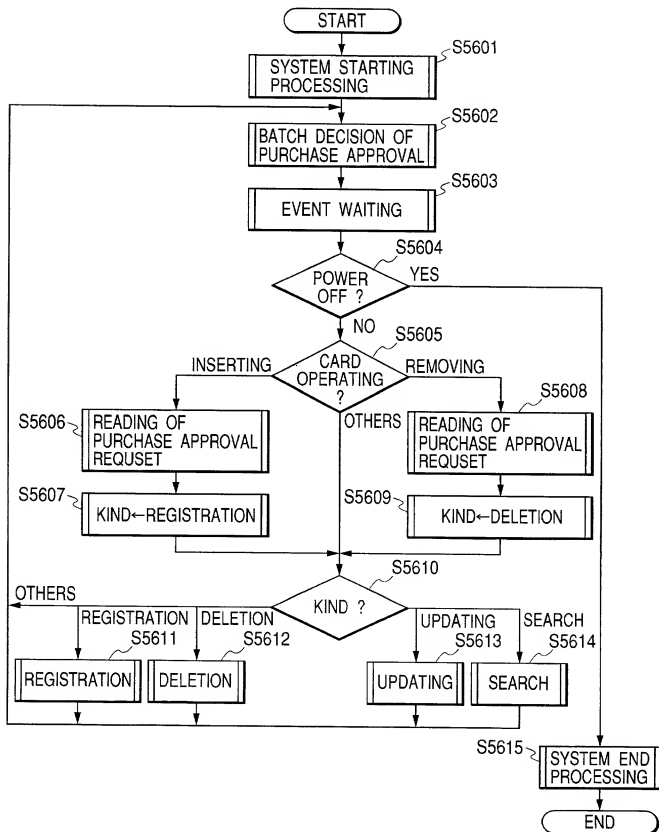
FIG. 55**PURCHASE APPROVAL REQUEST CARD SYSTEM**

FIG. 56

PURCHASE APPROVAL REQUEST SERVER



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